Lundgren

82C 6-13-01

1631

RAW SEQUENCE LISTING   DATE: 05/25/2001
PATENT APPLICATION: **US/09/439,313**   TIME: 13:40:37

Input Set : **A:\427c9.app.txt**
Output Set: **C:\CRF3\05252001\I439313.raw**

P.5

ENTERED

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 4 <110> APPLICANT: Xu, Jiangchun
 5        Dillon, Davin C.
 6        Mitcham, Jennifer L.
 7        Harlocker, Susan Louise
 8        Jiang Yuqui
 9        Reed, Steven G.
10        Kalos, Michael
11        Fanger, Gary
12        Retter, Mark
13        Solk, John
14        Day, Craig
16 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
17        DIAGNOSIS OF PROSTATE CANCER
19 <130> FILE REFERENCE: 210121.427C9
21 <140> CURRENT APPLICATION NUMBER: US 09/439,313
22 <141> CURRENT FILING DATE: 1999-11-12
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41  ccagggggtc cagtccctct ccttacttca tccccatccc atgccaaagg aagaccctcc   180
42  ctccttggct cacagccttc tctaggcttc ccagtgcctc caggacagag tgggttatgt   240
43  tttcagctcc atccttgctg tgagtgtctg gtgcgttgtg cctccagctt ctgctcagtg   300
44  cttcatggac agtgtccagc acatgtcact ctccactctc tcagtgtgga tccactagtt   360
45  ctagagcggc cgccaccgcg gtggagctcc agcttttgtt ccctttagtg agggttaatt   420
46  gcgcgcttgg cgtaatcatg gtcataactg tttcctgtgt gaaattgtta tccgctcaca   480
47  attccacaca acatacgagc cggaagcata aagtgtaaag cctggggtgc ctaatgagtg   540
W--> 48  anctaactca cattaattgc gttgcgctca ctgnccgctt ccagtcngg aaaactgtcg    600
W--> 49  tgccagctgc attaatgaat cggccaacgc ncggggaaaa gcggtttgcg ttttggggc    660
W--> 50  tcttccgctt ctcgctcact nantcctgcg ctcggtcntt cggctgcggg gaacggtatc    720
W--> 51  actcctcaaa ggnggtatta cggttatccn naaatcnggg gatacccngg aaaaaanttt    780
W--> 52  aacaaaaggg cancaaaggg cngaaacgta aaaa                                814
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55 <211> LENGTH: 816
56 <212> TYPE: DNA
57 <213> ORGANISM: Homo sapien
59 <220> FEATURE:
60 <221> NAME/KEY: misc_feature
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RAW SEQUENCE LISTING   DATE: 05/25/2001
PATENT APPLICATION: **US/09/439,313**   TIME: 13:40:37

Input Set : **A:\427c9.app.txt**
Output Set: **C:\CRF3\05252001\I439313.raw**

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 67  ctaaagtctg atgaacttcc caatcagatg agcatggatg attggccaga aatgaagaag   180
 68  aagtttgcag atgtatttgc aaagaagacg aaggcagagt ggtgtcaaat ctttgacggc   240
 69  acagatgcct gtgtgactcc ggttctgact tttgaggagg ttgttcatca tgatcacaac   300
 70  aaggaacggg gctcgtttat caccagtgag gagcaggacg tgagcccccg ccctgcacct   360
 71  ctgctgttaa acaccccagc catcccttct ttcaaaaggg atccactagt tctagaagcg   420
 72  gccgccaccg cggtggagct ccagcttttg ttccctttag tgagggttaa ttgcgcgctt   480
 73  ggcgtaatca tggtcatagc tgtttcctgt gtgaaattgt tatccgctca caattccccc   540
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W--> 75  cattaattgc gttgcgctca ctgcccgctt tccagtcggg aaaactgtcg tgccactgcn   660
W--> 76  ttantgaatc ngccacccccc cgggaaaagg cggttgcntt ttgggcctct tccgctttcc   720
W--> 77  tcgctcattg atcctngcnc ccggtcttcg gctgcggnga acggttcact cctcaaaggc   780
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 81 <211> LENGTH: 773
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 86 <221> NAME/KEY: misc_feature
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 93  tcctcaaaag tcagaaccgg agtcacacag gcatctgtgc cgtcaaagat ttgacaccac   180
 94  tctgccttcg tcttctttgc aaatacatct gcaaacttct tcttcatttc tggccaatca   240
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 96  tcgtagaact ggggttctat tgctccaaca gccatgaatt ccccatctgc tgtcctgtaa   360
 97  gtcgtataga aaggtgctcc accatccaac atgttctgtc ctcgaggggg ggcccggtac   420
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 99  gtgactggga aaaccctggg cgttaccaac ttaatcgcct tgcagcacat ccccctttcg   540
W--> 100  ccagctgggc gtaatancga aaaggcccgc accgatcgcc cttccaacag ttgcgcacct   600
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107 <212> TYPE: DNA
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111 <221> NAME/KEY: misc_feature
112 <222> LOCATION: (1)...(828)
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        119  acgtgggtga ccatgttgtt tgtggggtgc agagatggga ggggtggggc ccaccctgga   240
        120  agagtggaca gtgacacaag gtggacactc tctacagatc actgaggata agctggagcc   300
W--> 121  acaatgcatg aggcacacac acagcaagga tgacnctgta aacatagccc acgctgtcct   360
W--> 122  gngggcactg ggaagcctan atnaggccgt gagcanaaag aaggggagga tccactagtt   420
W--> 123  ctanagcggc cgccaccgcg gtggganctcc ancttttgtt ccctttagtg agggttaatt   480
W--> 124  gcgcgcttgg cntaatcatg gtcatanctn tttcctgtgt gaaattgtta tccgctcaca   540
W--> 125  attccacaca acatacganc cggaaacata aantgtaaac ctggggtgcc taatgantga   600
W--> 126  ctaactcaca ttaattgcgt tgcgctcact gcccgctttc caatcnggaa acctgtcttg   660
W--> 127  ccncttgcat tnatgaatcn gccaacccc ggggaaaagc gtttgcgttt tgggcgctct   720
W--> 128  tccgcttcct cnctcantta ntccctncnc tcggtcattc cggctgcngc aaaccggttc   780
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        144  attttataac aatcaacacc tgtggctttt aaaatttggt tttcataaga taatttatac   180
        145  tgaagtaaat ctagccatgc ttttaaaaaa tgctttaggt cactccaagc ttggcagtta   240
        146  acatttggca taaacaataa taaaacaatc acaatttaat aaataacaaa tacaacattg   300
        147  taggccataa tcatatacag tataaggaaa aggtggtagt gttgagtaag cagttattag   360
        148  aatagaatac cttggcctct atgcaaatat gtctagacac tttgattcac tcagccctga   420
        149  cattcagttt tcaaagtagg agacaggttc tacagtatca tttttacagtt tccaacacat   480
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        151  tcaccaaccc ctcagttata aaaaatttc aagttatatt agtcatataa cttggtgtgc   600
        152  ttatttttaaa ttagtgctaa atggattaag tgaagacaac aatggtcccc taatgtgatt   660
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W--> 154  tgnatnacag tgttccanag ttncaaccta ctggaacatt acagtgtgct tgattcaaaa   780
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        170  tgtaaagtga aatattagtt ggcggatgaa gcagatagtg aggaaagttg agccaataat   180
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       174   gtgagctcag gtgattgata ctcctgatgc gagtaatacg gatgtgttta ggagtgggac      420
       175   ttctagggga tttagcgggg tgatgcctgt tgggggccag tgccctccta gttgggggggt     480
       176   aggggctagg ctggagtggt aaaaggctca gaaaaatcct gcgaagaaaa aaacttctga        540
       177   ggtaataaat aggattatcc cgtatcgaag gcctttttgg acaggtggtg tgtggtggcc      600
       178   ttggtatgtg ctttctcgtg ttacatcgcg ccatcattgg tatatggtta gtgtgttggg      660
W--> 179   ttantanggc ctantatgaa gaacttttgg antggaatta aatcaatngc ttggccggaa      720
W--> 180   gtcattanga nggctnaaaa ggccctgtta ngggtctggg ctnggtttta cccnacccat        780
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       199   gtactactcg attgtcaacg tcaaggagtc gcaggtcgcc tggttctagg aataatgggg       360
       200   gaagtatgta ggaattgaag attaatccgc cgtagtcggt gttctcctag gttcaatacc       420
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W--> 203   tcaaacngtc tctanttcct gaaacgtctg aaatgttaat aanaattaan tttngttatt       600
W--> 204   gaatnttnng gaaaagggct tacaggacta gaaaccaaat angaaaanta atnntaangg        660
W--> 205   cnttatcntn aaaggtnata accnctccta tnatcccacc caatngnatt ccccacncnn        720
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       222   ctgaagcgca cgtcccagaa ggtggacttg cactgaaac agctgggaca catccgcgag          180
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W--> 250  caggtcatgg ggttgtngnc caactggggg ccncaacgca aaanggcnca gggcctcngn   300
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     274  agatcctgcc ctacacactg gcctccctct accaccggga gaagcaggtg ttcctgccca   180
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W--> 281  cccattact ttgctacaca ggtantattt gacaagaacg anttggccaa atactcagcg   600
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VERIFICATION SUMMARY   DATE: 05/25/2001
PATENT APPLICATION: **US/09/439,313**   TIME: 13:40:38

Input Set : **A:\427c9.app.txt**
Output Set: **C:\CRF3\05252001\I439313.raw**

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L:52 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:74 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:75 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
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L:225 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:226 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:227 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:228 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:229 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:230 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:231 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:232 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:233 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
```

VERIFICATION SUMMARY   DATE: 05/25/2001
PATENT APPLICATION: **US/09/439,313**   TIME: 13:40:38

Input Set : **A:\427c9.app.txt**
Output Set: **C:\CRF3\05252001\I439313.raw**

```
L:247 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:249 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:250 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:251 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:252 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:253 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:254 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:255 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:256 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:257 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:258 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:259 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:272 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:278 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:279 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:281 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:283 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:284 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:285 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:303 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:306 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:307 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:308 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:309 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:310 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:326 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:329 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:330 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:331 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:332 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:333 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:334 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:335 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:349 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:356 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:357 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:358 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:359 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:360 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:377 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:378 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:379 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:380 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:381 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:382 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:383 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:384 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:385 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:386 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
```

VERIFICATION SUMMARY   DATE: 05/25/2001
PATENT APPLICATION: **US/09/439,313**   TIME: 13:40:38

Input Set : **A:\427c9.app.txt**
Output Set: **C:\CRF3\05252001\I439313.raw**

```
L:399 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:401 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:403 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:405 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:406 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:407 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:408 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:409 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:410 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:411 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:431 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:432 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:433 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:434 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:435 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:436 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:437 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:438 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:459 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:460 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:461 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:462 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:463 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:476 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:481 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:484 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:485 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:486 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:487 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:488 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:489 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:502 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:503 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:504 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:505 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:506 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:507 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:508 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:509 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:510 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:511 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:512 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:513 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:514 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:527 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:528 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:529 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:530 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:531 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
```

VERIFICATION SUMMARY   DATE: 05/25/2001
PATENT APPLICATION: **US/09/439,313**   TIME: 13:40:38

Input Set : **A:\427c9.app.txt**
Output Set: **C:\CRF3\05252001\I439313.raw**

```
L:532 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:20
L:533 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:20
L:534 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:20
L:535 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:20
L:536 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:20
L:537 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:20
L:538 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:20
L:539 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:20
L:552 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:21
L:553 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:21
L:554 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:21
L:555 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:21
L:556 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:21
L:557 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:21
L:558 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:21
L:559 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:21
L:560 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:21
L:561 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:21
L:562 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:21
L:563 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:21
L:564 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:21
L:577 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:22
L:578 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:22
L:579 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:22
L:580 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:22
L:581 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:22
L:582 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:22
L:583 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:22
L:584 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:22
L:585 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:22
L:586 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:22
L:587 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:22
L:588 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:22
L:589 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:22
L:590 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:22
L:591 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:22
L:604 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:23
L:605 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:23
L:606 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:23
L:607 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:23
L:608 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:23
L:609 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:23
L:610 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:23
L:611 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:23
L:612 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:23
L:613 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:23
L:614 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:23
L:615 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:23
L:616 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:23
```

VERIFICATION SUMMARY   DATE: 05/25/2001
PATENT APPLICATION: **US/09/439,313**   TIME: 13:40:38

Input Set : **A:\427c9.app.txt**
Output Set: **C:\CRF3\05252001\I439313.raw**

```
L:617 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:618 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:631 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:632 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:633 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:634 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:635 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:636 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:637 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:638 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:639 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:640 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:641 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:642 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:643 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:644 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:659 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:660 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:661 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:663 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:664 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:665 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:666 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:667 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:668 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:669 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:682 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:683 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:685 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:686 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:687 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:688 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:689 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:690 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:691 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:692 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:693 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:694 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:695 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:712 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:713 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:714 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:715 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:716 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:717 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:718 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:719 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:720 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:721 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
```

VERIFICATION SUMMARY
PATENT APPLICATION: **US/09/439,313**

DATE: 05/25/2001
TIME: 13:40:38

Input Set : **A:\427c9.app.txt**
Output Set: **C:\CRF3\05252001\I439313.raw**

```
L:734 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:735 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:736 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:737 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:738 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:739 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:740 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:741 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:742 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:743 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:744 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:745 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:746 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:759 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:760 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:761 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:762 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:763 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:764 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:765 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:766 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:767 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:768 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:769 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:770 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:771 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:772 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:787 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:788 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:789 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:790 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:791 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:792 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:793 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:794 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:795 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:796 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:797 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:814 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:815 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:816 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:817 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:818 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:819 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:820 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:821 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:822 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:823 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:824 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
```

VERIFICATION SUMMARY   DATE: 05/25/2001
PATENT APPLICATION: **US/09/439,313**   TIME: 13:40:38

Input Set : **A:\427c9.app.txt**
Output Set: **C:\CRF3\05252001\I439313.raw**

```
L:838 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:839 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:840 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:841 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:842 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:843 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:844 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:845 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:846 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:847 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:848 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:849 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:850 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:864 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33
L:865 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33
L:868 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33
L:870 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33
L:871 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33
L:872 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33
L:873 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33
L:874 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33
L:875 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33
L:876 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33
L:890 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:892 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:893 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:894 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:895 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:896 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:898 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:899 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:900 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:901 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:914 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:915 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:916 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:917 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:918 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:919 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:921 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:922 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:923 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:924 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:925 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:926 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:927 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:940 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:941 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:942 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
```

VERIFICATION SUMMARY
PATENT APPLICATION: **US/09/439,313**

DATE: 05/25/2001
TIME: 13:40:38

Input Set : **A:\427c9.app.txt**
Output Set: **C:\CRF3\05252001\I439313.raw**

```
L:943 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:944 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:945 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:946 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:947 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:948 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:949 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:950 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:951 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:952 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:953 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:969 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:970 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:971 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:972 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:973 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:974 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:975 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:976 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:977 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:978 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:992 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38
L:993 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38
L:994 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38
L:995 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38
L:996 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38
L:997 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38
L:998 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38
L:999 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38
L:1000 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38
L:1001 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38
L:1002 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38
L:1019 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:1020 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:1021 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:1022 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:1023 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:1024 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:1025 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:1026 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:1027 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:1028 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:1045 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:1046 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:1047 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:1048 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:1049 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:1050 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:1051 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
```

VERIFICATION SUMMARY   DATE: 05/25/2001
PATENT APPLICATION: **US/09/439,313**   TIME: 13:40:38

Input Set : **A:\427c9.app.txt**
Output Set: **C:\CRF3\05252001\I439313.raw**

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L:1052 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:1053 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:1110 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44
L:1112 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44
L:1114 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44
L:1141 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46
L:1142 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46
L:1143 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46
L:1144 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46
L:1145 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46
L:1161 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47
L:1162 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47
L:1163 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47
L:1172 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47
L:1173 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47
L:1186 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48
L:1187 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48
L:1202 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49
L:1203 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49
L:1239 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52
L:1240 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52
L:1242 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52
L:1257 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53
L:1261 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53
L:1262 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53
L:1263 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53
L:1264 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53
L:1265 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53
L:1307 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57
L:1308 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57
L:1309 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57
L:1322 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58
L:1397 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65
L:1398 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65
L:1399 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65
L:1400 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65
L:1402 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65
L:1460 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:69
L:1495 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:71
L:1509 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72
L:1511 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72
L:1512 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72
L:1513 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72
L:1514 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72
L:1516 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72
L:1517 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72
L:1536 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73
L:1537 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73
L:1538 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73
```

VERIFICATION SUMMARY
DATE: 05/25/2001
PATENT APPLICATION: **US/09/439,313**
TIME: 13:40:38

Input Set : **A:\427c9.app.txt**
Output Set: **C:\CRF3\05252001\I439313.raw**

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L:1556 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74
L:1558 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74
L:1572 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
L:1574 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
L:1576 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
L:1577 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
L:1578 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
L:1579 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
L:1597 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76
L:1598 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76
L:1640 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:79
L:1641 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:79
L:1642 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:79
L:1661 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80
L:1662 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80
L:1663 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80
L:1676 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81
L:1697 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:82
L:1716 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:83
L:1717 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:83
L:1718 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:83
L:1732 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84
L:1737 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84
L:1738 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84
L:1752 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85
L:1753 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85
L:1756 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85
L:1757 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85
L:1758 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85
L:1772 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:86
L:1773 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:86
L:1776 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:86
L:1778 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:86
L:1779 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:86
L:1792 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:87
L:1795 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:87
L:1796 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:87
L:1797 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:87
L:1798 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:87
L:1812 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:88
L:1815 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:88
L:1816 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:88
L:1817 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:88
L:1818 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:88
L:1834 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:89
L:1835 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:89
L:1836 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:89
L:1837 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:89
L:1838 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:89
```

VERIFICATION SUMMARY   DATE: 05/25/2001
PATENT APPLICATION: **US/09/439,313**   TIME: 13:40:38

Input Set : **A:\427c9.app.txt**
Output Set: **C:\CRF3\05252001\I439313.raw**

```
L:1851 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:90
L:1852 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:90
L:1855 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:90
L:1856 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:90
L:1870 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:91
L:1871 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:91
L:1872 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:91
L:1873 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:91
L:1877 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:91
L:1890 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:92
L:1893 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:92
L:1894 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:92
L:1895 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:92
L:1896 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:92
L:1897 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:92
L:1912 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:93
L:1914 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:93
L:1915 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:93
L:1929 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94
L:1930 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94
L:1933 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94
L:1934 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94
L:1935 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94
L:1936 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94
L:1937 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94
L:1952 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95
L:1954 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95
L:1956 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95
L:1957 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95
L:1970 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96
L:1973 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96
L:1974 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96
L:1976 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96
L:1977 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96
L:1993 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:97
L:1994 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:97
L:1995 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:97
L:1996 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:97
L:1997 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:97
L:2535 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:116
L:2538 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:116
L:2551 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:117
L:2552 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:117
L:2555 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:117
L:2569 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:118
L:2570 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:118
L:2583 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:119
L:2584 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:119
L:2585 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:119
```

VERIFICATION SUMMARY   DATE: 05/25/2001
PATENT APPLICATION: **US/09/439,313**   TIME: 13:40:38

Input Set : **A:\427c9.app.txt**
Output Set: **C:\CRF3\05252001\I439313.raw**

```
L:2586 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:119
L:2599 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:120
L:2613 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:121
L:2615 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:121
L:2616 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:121
L:2639 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:123
L:2640 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:123
L:2709 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:129
L:2710 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:129
L:2724 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:130
L:2727 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:130
L:2744 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131
L:2747 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131
L:2748 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131
L:2764 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:132
L:2765 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:132
L:2779 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:133
L:2781 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:133
L:2782 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:133
L:2796 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:134
L:2811 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:135
L:2812 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:135
L:2813 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:135
L:2814 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:135
L:2830 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:136
L:2831 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:136
L:2832 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:136
L:2833 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:136
L:2835 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:136
L:2848 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:137
L:2849 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:137
L:2866 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:138
L:2867 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:138
L:2895 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:140
L:2896 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:140
L:2897 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:140
L:2914 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:141
L:2915 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:141
L:2932 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:142
L:2935 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:142
L:2936 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:142
L:2960 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:144
L:2974 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:145
L:2978 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:145
L:2992 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:146
L:3010 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:147
L:3028 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:148
L:3029 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:148
L:3030 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:148
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VERIFICATION SUMMARY
PATENT APPLICATION: **US/09/439,313**

DATE: 05/25/2001
TIME: 13:40:38

Input Set : **A:\427c9.app.txt**
Output Set: **C:\CRF3\05252001\I439313.raw**

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L:3031 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:148
L:3057 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:150
L:3091 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:153
L:3095 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:153
L:3125 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:155
L:3162 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:158
L:3165 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:158
L:3167 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:158
L:3183 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:159
L:3184 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:159
L:3185 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:159
L:3186 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:159
L:3187 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:159
L:3188 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:159
L:3204 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:160
L:3241 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:163
L:3262 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:164
L:3275 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:165
L:3295 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:166
L:3296 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:166
L:3297 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:166
L:3310 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:167
L:3312 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:167
L:3313 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:167
L:3314 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:167
L:3327 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:168
L:3328 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:168
L:3329 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:168
L:3347 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:169
L:3349 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:169
L:3365 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:170
L:3367 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:170
L:3398 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:171
L:3399 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:171
L:3400 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:171
L:3401 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:171
L:3426 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:172
L:3462 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:173
L:3464 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:173
L:3465 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:173
L:3466 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:173
L:3487 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:174
L:3522 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:175
L:3523 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:175
L:3527 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:175
L:3528 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:175
L:3530 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:175
L:3531 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:175
L:3532 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:175
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VERIFICATION SUMMARY   DATE: 05/25/2001
PATENT APPLICATION: **US/09/439,313**   TIME: 13:40:38

Input Set : **A:\427c9.app.txt**
Output Set: **C:\CRF3\05252001\I439313.raw**

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L:3533 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:175
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L:3535 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:175
L:3536 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:175
L:3563 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:176
L:3573 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:176
L:3627 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:178
L:3670 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:181
L:3671 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:181
L:3697 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:182
L:3698 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:182
L:3726 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:184
L:3762 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:186
L:3768 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:186
L:3769 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:186
L:3770 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:186
L:3783 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:187
L:3785 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:187
L:3790 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:187
L:3804 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:188
L:3807 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:188
L:3808 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:188
L:3810 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:188
L:3811 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:188
L:3812 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:188
L:3815 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:188
L:3816 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:188
L:3829 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:189
L:3830 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:189
L:3832 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:189
L:3833 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:189
L:3834 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:189
L:3835 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:189
L:3836 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:189
L:3851 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:190
L:3854 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:190
L:3855 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:190
L:3856 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:190
L:3857 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:190
L:3875 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191
L:3889 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:192
L:3890 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:192
L:3912 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:193
L:3940 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:194
L:3941 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:194
L:3956 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:195
L:3960 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:195
L:3961 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:195
L:3962 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:195
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VERIFICATION SUMMARY   DATE: 05/25/2001
PATENT APPLICATION: **US/09/439,313**   TIME: 13:40:38

Input Set : **A:\427c9.app.txt**
Output Set: **C:\CRF3\05252001\I439313.raw**

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L:3984 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:196
L:3985 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:196
L:3999 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:197
L:4000 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:197
L:4001 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:197
L:4002 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:197
L:4003 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:197
L:4005 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:197
L:4006 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:197
L:4007 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:197
L:4020 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:198
L:4021 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:198
L:4022 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:198
L:4023 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:198
L:4024 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:198
L:4026 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:198
L:4027 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:198
L:4044 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:199
L:4045 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:199
L:4046 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:199
L:4047 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:199
L:4064 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:200
L:4080 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:201
L:4081 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:201
L:4083 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:201
L:4084 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:201
L:4097 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:202
L:4098 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:202
L:4099 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:202
L:4100 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:202
L:4101 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:202
L:4102 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:202
L:4103 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:202
L:4104 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:202
L:4105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:202
L:4124 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:203
L:4126 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:203
L:4140 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:204
L:4145 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:204
L:4146 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:204
L:4147 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:204
L:4149 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:204
L:4162 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:205
L:4164 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:205
L:4168 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:205
L:4169 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:205
L:4184 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:205
L:4185 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:205
L:4199 M:341 W: (46)
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VERIFICATION SUMMARY   DATE: 05/25/2001
PATENT APPLICATION: **US/09/439,313**   TIME: 13:40:38

Input Set : **A:\427c9.app.txt**
Output Set: **C:\CRF3\05252001\I439313.raw**

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L:3533 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:175
L:3534 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:175
L:3535 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:175
L:3536 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:175
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L:3573 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:176
L:3627 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:178
L:3670 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:181
L:3671 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:181
L:3697 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:182
L:3698 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:182
L:3726 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:184
L:3762 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:186
L:3768 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:186
L:3769 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:186
L:3770 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:186
L:3783 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:187
L:3785 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:187
L:3790 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:187
L:3804 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:188
L:3807 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:188
L:3808 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:188
L:3810 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:188
L:3811 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:188
L:3812 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:188
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L:3834 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:189
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L:3836 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:189
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L:3857 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:190
L:3875 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191
L:3889 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:192
L:3890 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:192
L:3912 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:193
L:3940 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:194
L:3941 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:194
L:3956 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:195
L:3960 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:195
L:3961 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:195
L:3962 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:195
```

VERIFICATION SUMMARY   DATE: 05/25/2001
PATENT APPLICATION: **US/09/439,313**   TIME: 13:40:38

Input Set : **A:\427c9.app.txt**
Output Set: **C:\CRF3\05252001\I439313.raw**

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L:3984 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:196
L:3985 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:196
L:3999 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:197
L:4000 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:197
L:4001 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:197
L:4002 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:197
L:4003 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:197
L:4005 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:197
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L:4007 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:197
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L:4026 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:198
L:4027 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:198
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L:4046 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:199
L:4047 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:199
L:4064 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:200
L:4080 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:201
L:4081 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:201
L:4083 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:201
L:4084 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:201
L:4097 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:202
L:4098 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:202
L:4099 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:202
L:4100 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:202
L:4101 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:202
L:4102 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:202
L:4103 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:202
L:4104 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:202
L:4105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:202
L:4124 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:203
L:4126 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:203
L:4140 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:204
L:4145 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:204
L:4146 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:204
L:4147 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:204
L:4149 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:204
L:4162 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:205
L:4164 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:205
L:4168 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:205
L:4169 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:205
L:4184 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:206
L:4185 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:206
L:4186 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:206
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VERIFICATION SUMMARY   DATE: 05/25/2001
PATENT APPLICATION: **US/09/439,313**   TIME: 13:40:38

Input Set : **A:\427c9.app.txt**
Output Set: **C:\CRF3\05252001\I439313.raw**

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L:4187 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:206
L:4188 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:206
L:4189 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:206
L:4191 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:206
L:4205 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:207
L:4207 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:207
L:4208 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:207
L:4227 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:208
L:4255 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:210
L:4256 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:210
L:4257 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:210
L:4274 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:211
L:4288 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:212
L:4291 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:212
L:4292 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:212
L:4306 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:213
L:4308 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:213
L:4309 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:213
L:4326 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:214
L:4328 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:214
L:4329 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:214
L:4343 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:215
L:4345 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:215
L:4347 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:215
L:4362 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216
L:4363 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216
L:4364 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216
L:4365 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216
L:4379 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:217
L:4396 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:218
L:4398 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:218
L:4399 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:218
L:4430 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:221
L:4431 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:221
L:4432 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:221
L:4462 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:223
L:4917 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:256
L:4947 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:258
L:4962 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:259
L:5022 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:263
L:5131 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:271
L:5132 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:271
L:5159 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:273
L:5160 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:273
L:5162 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:273
L:5163 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:273
L:5178 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:274
L:5181 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:274
L:5199 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:275
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VERIFICATION SUMMARY
PATENT APPLICATION: **US/09/439,313**

DATE: 05/25/2001
TIME: 13:40:38

Input Set : **A:\427c9.app.txt**
Output Set: **C:\CRF3\05252001\I439313.raw**

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L:5229 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:277
L:5230 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:277
L:5248 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:278
L:5265 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:279
L:5347 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:285
L:5405 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:289
L:5406 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:289
L:5422 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:290
L:5453 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:292
L:5454 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:292
L:5484 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:294
L:5528 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:297
L:5546 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:298
L:5639 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:305
L:5643 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:305
L:5686 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:308
L:5746 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:311
L:5765 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:312
L:5785 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:313
L:5790 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:313
L:5791 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:313
L:5892 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:322
L:5906 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:323
L:5907 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:323
L:5927 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:324
L:6462 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:346
L:6476 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:347
L:6731 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:363
L:6732 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:363
L:6734 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:363
L:6736 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:363
L:6739 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:363
L:6740 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:363
L:6963 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:371
L:7179 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:377
L:7183 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:377
L:7187 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:377
L:7189 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:377
L:7193 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:377
L:7814 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:390
L:7815 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:390
L:7829 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:391
L:7830 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:391
L:7831 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:391
L:7832 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:391
L:7847 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:392
L:7848 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:392
L:7849 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:392
L:7882 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:394
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VERIFICATION SUMMARY
PATENT APPLICATION: US/09/439,313

DATE: 05/25/2001
TIME: 13:40:38

Input Set : **A:\427c9.app.txt**
Output Set: **C:\CRF3\05252001\I439313.raw**

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L:7914 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:396
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L:7934 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:397
L:7951 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:398
L:7964 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:399
L:7965 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:399
L:7967 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:399
L:7968 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:399
L:8001 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:401
L:8002 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:401
L:8003 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:401
L:8022 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:402
L:8035 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:403
L:8069 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:405
L:8082 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:406
L:8084 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:406
L:8085 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:406
L:8112 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:408
L:8113 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:408
L:8114 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:408
L:8115 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:408
L:8131 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:409
L:8132 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:409
L:8149 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:410
L:8150 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:410
L:8163 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:411
L:8167 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:411
L:8183 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:412
L:8200 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:413
L:8225 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:415
L:8227 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:415
L:8240 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:416
L:8256 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:417
L:8260 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:417
L:8274 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:418
L:8277 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:418
L:8278 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:418
L:8279 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:418
L:8298 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:419
L:8325 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:421
L:8326 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:421
L:8327 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:421
L:8329 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:421
L:8357 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:423
L:8359 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:423
L:8379 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:424
L:8393 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:425
L:8394 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:425
L:8395 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:425
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L:8396 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:425
L:8426 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:427
L:8427 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:427
L:8440 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:428
L:8470 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:430
L:8472 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:430
L:8474 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:430
L:8492 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:431
L:8495 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:431
L:8510 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:432
L:8512 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:432
L:8513 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:432
L:8514 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:432
L:8515 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:432
L:8529 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:433
L:8531 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:433
L:8532 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:433
L:8533 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:433
L:8577 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:436
L:8633 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:439
L:8707 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:443
L:8721 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:444
L:8741 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:445
L:8760 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:446
L:8783 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:447
L:8805 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:448
L:8806 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:448
L:8819 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:449
L:8820 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:449
L:8821 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:449
L:8824 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:449
L:8825 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:449
L:8827 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:449
L:8828 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:449
L:8829 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:449
L:8861 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:451
L:8862 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:451
L:8863 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:451
L:8864 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:451
L:8865 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:451
L:8866 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:451
L:8880 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:452
L:8895 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:453
L:8896 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:453
L:8944 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:457
L:9253 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:472
L:9405 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:475
L:10021 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:502
L:10022 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:502
```

VERIFICATION SUMMARY   DATE: 05/25/2001
PATENT APPLICATION: **US/09/439,313**   TIME: 13:40:38

Input Set : **A:\427c9.app.txt**
Output Set: **C:\CRF3\05252001\I439313.raw**

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L:10023 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:502
L:10024 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:502
L:10026 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:502
L:10040 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:503
L:10041 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:503
L:10042 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:503
L:10044 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:503
L:10045 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:503
L:10046 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:503
L:10121 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:508
L:10341 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:523
L:10914 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:536
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